

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 212302000320	Application Number 08/416,920
	Applicant STEFAN MILTENYI et al.	
	Filing Date 21 April 1995	Group Art Unit 1808 1816

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
VBS	1.	07/09/86	0186833	Europe			
MS	2.	11/29/90	WO 90/14435	PCT WO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
MS	3.	Manz et al., "Analysis and sorting of live cells according to secreted molecules, relocated to a cell-surface affinity matrix" <i>Proc. Natl. Acad. Sci. USA</i> (1995) 92:1921-1925.

EXAMINER:

DATE CONSIDERED:

2/12/96

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 6



In the Application of
STEFAN MILTENYI et al.

Serial No. 08/416,920

Filed: 21 April 1995

Art Unit: ~~Unknown~~

1816

Examiner: ~~Unassigned~~

SCHEWADRA

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/Subclass	(If appropriate) Filing Date
1.	<u>VB1</u>	4,557,979	12/10/85	Higginbottom et al.		

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/Subclass	(If appropriate) Filing Date
2.	<u>VB31</u>	WO 90/02334	03/08/90	PCT	- -	
3.	<u>VB1</u>	WO 89/10758	11/16/89	PCT	- -	
4.	<u>VB5</u>	0219309	04/22/87	EPO	- -	

Examiner: VB Schewadra

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Examiner: Unassigned

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
5.	<u>RB</u>	Medline® abstract of Barington et al., "An improved haemolytic plaque assay for the detection of cells secreting antibody to bacterial antigens" <u>J. Immunol. Met.</u> (1992) 146:129-137.
6.	<u>RB</u>	Medline® abstract of Barington et al., "A simplification of the enzyme-linked immunospot technique. Increased sensitivity for cells secreting IgG antibodies to <i>Haemophilus influenzae</i> type b capsular polysaccharide" <u>J. Immunol. Met.</u> (1992) 156:191-198.
7.	<u>RB</u>	Medline® abstract of Coco-Martin et al., "An isotype-specific spot-ELISA for the enumeration of antibody-secreting hybridomas and the determination of isotype switch variants" <u>J. Immunol. Met.</u> (1991) 145:11-18.
8.	<u>RB</u>	Medline® abstract of Conrad et al., "Immunoglobulin VH and VK genes of the BALB/c anti-foot-and-mouth disease virus (O1) VP1 response: cloning, characterization and transgenic mice" <u>Mol. Immunol.</u> (1991) 28:1201-1209.
9.	<u>RB</u>	Medline® abstract of Darveau et al., "Efficient preparation of human monoclonal antibody-secreting heterohybridomas using peripheral B lymphocytes cultured in the CD40 system" <u>J. Immunol. Met.</u> (1993) 159:139-143.
10.	<u>RB</u>	Medline® abstract of Eriksson et al., "Amplified ELISPOT assay for the detection of HIV-specific antibody-secreting cells in subhuman primates" <u>J. Immunol. Met.</u> (1992) 153:107-113.

Examiner:

Date Considered: 2/12/93

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Serial No. 08/416,920

Filed: 21 April 1995



Art Unit: Unknown

Examiner: Unassigned

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

11. R3) ~~Medline® abstract of~~ Fischer et al., "Paucity of humoral response in patients to glioma-associated antigen(s): antigen localization by immunofluorescence" Adv. Exp. Med. Biol. (1991) 303:263-270.
12. R3) ~~Medline® abstract of~~ Giordano et al., "Repeated glucose stimulation reveals distinct and lasting secretion patterns of individual rat pancreatic B cells" J. Clin. Invest. (1991) 87:2178-2185.
13. R3) ~~Medline® abstract of~~ Isolauri et al., "Local immune response in patients with cow milk allergy: follow-up of patients retaining allergy or becoming tolerant" J. Pediatr. (1992) 120:9-15.
14. R5 ~~Medline® abstract of~~ Lalor et al., "Functional and molecular characterization of single, (4-hydroxy-3-nitrophenyl)acetyl (NP)-specific, IgG1 + B cells from antibody-secreting and memory B cell pathways in the C57BL/6 immune response to NP" Eur. J. Immunol. (1992) 22:3001-3011.
15. R31 ~~Medline® abstract of~~ Liu et al., "Production of anti-tumor human monoclonal antibodies using different approaches" Hum. Antibodies Hybridomas (1993) 4:2-8.
16. R31 Marder et al., "Selective cloning of hybridoma cells for enhanced immunoglobulin production using flow cytometric cell sorting and automated laser nephelometry" Cytometry (1990) 11:498-505.
17. R31 ~~Medline® abstract of~~ Nesheim et al., "Diagnosis of human immunodeficiency virus infection by enzyme-linked immunospot assays in a prospectively followed cohort of infants of human immunodeficiency virus-seropositive women" Pediatr. Infect. Dis. J. (1992) 11:635-639.

Examiner: [Signature]

Date Considered: 2/12/97

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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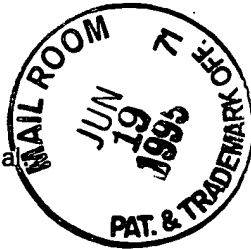
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In the Application of

STEFAN MILTENYI et al.

Serial No. 08/416,920

Filed: 21 April 1995



Art Unit: Unknown 1816

Examiner: Unassigned SCITWARRA

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

18. 131 ~~Medline® abstract of~~ Quiding et al., "Intestinal immune responses in humans. Oral cholera vaccination induces strong intestinal antibody responses and interferon-gamma production and evokes local immunological memory" J. Clin. Invest. (1991) 88:143-148.
19. 131 ~~Medline® abstract of~~ Sakamoto et al., "Method for selecting anthocyanin-producing cells by a cell sorter" Planta Med. (1994) 60:253-259.
20. 131 ~~Medline® abstract of~~ Shibata et al., "Clonal frequency analysis of B cells producing pathogenic anti-DNA antibody-associated idiotypes in systemic lupus erythematosus" Clin. Immunol. Immunopathol. (1992) 63:252-258.
21. 131 ~~Medline® abstract of~~ Sparholt et al., "Detection of B-lymphocytes secreting antibodies to *Dermatophagoides* antigens" Clin. Exp. Allergy (1991) 21:85-90.
22. 131 ~~Medline® abstract of~~ Steenbakkers et al., "A new approach to the generation of human or murine antibody producing hybridomas" J. Immunol. Met. (1992) 152:69-77.
23. 131 ~~Medline® abstract of~~ Ufimtseva et al., "Mink-mouse interspecific hybridomas" Hybridoma (1991) 10:517-528.
24. 131 Werner-Favre et al., "High IgE secretion capacity of human plasma cells" Eur. J. Immunol. (1993) 23:2038-2040.
25. 131 Köhler et al., "Immunoglobulin M Mutants" Eur. J. Immunol. (1980) 10:467-476.

Examiner:

Date Considered:

2/12/01

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Art Unit: Unknown

Examiner: Unassigned

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26. W31 Nir et al., "Single-Cell Entrapment and Microcolony Development within Uniform Microspheres Amendable to Flow Cytometry", Applied and Environ. Microbiol. (1990) 56(9):2870-2875.
27. W31 Nir et al., "Flow Cytometry Sorting of Viable Bacteria and Yeasts According to β -Galactosidase Activity", Applied and Environ. Microbiol. (1991) 56(12):3861-3866.
28. W31 Ehrlich et al., "Marker and Function Analysis of Natural Killer and Alloreactive T Cells during Early Stages of Dimethylbenzanthracene Carcinogenesis", Nat. Immun. Cell Growth Regul. (1986) 5:305-316.
29. W31 Greenstein et al., "Flow Sorting of Antigen-binding B Cell Subsets", J. Immunol. (1980) 124(3):1472-1481.
30. W31 Greenstein et al., "Functional Subsets of B Cells defined by Quantitative differences in Surface I-A", J. Immunol. (1981) 126:2419-2423.
31. W31 Kleinberger et al., "Carcinogen-mediated co-activation of two independent genes in Chinese hamster cells", Carcinogenesis (1988) 9(6):979-985.
32. W31 Letwin et al., "An Improved Clonal Excess Assay Using Flow Cytometry and B-Cell Gating", Blood (1990) 75(5):1178-1185.
33. W31 Marti et al., "Normal Human Blood Density Gradient Lymphocyte Subset Analysis", Amer. J. Hematol. (1985) 20:41-52.
34. W31 Michalevicz et al., (1989) "Characterization of Lympho-Myeloid-Erythroid-Megakaryocytic Stem Cells in Peripheral Blood of Hairy Cell Leukemia Patients", Leukemia Res. 13(10):915-920.

Examiner: W. S. Sch

Date Considered: 2/12/90

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SC (twice)

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

35. RVS Slezak et al., "Fluorescent in Vivo Tracking of Hematopoietic Cells. Part I. Technical Considerations", Blood (1989) 74(6):2172-2177.
36. W Slezak et al., "Cell-mediated Cytotoxicity" A Highly Sensitive and Informative Flow Cytometric Assay", J. Immunol. Meth. (1989) 117:205-214.
37. RBI Koga et al., "Synthesis and release of interleukin 1 by reoxygenated human mononuclear phagocytes" J. Clin. Invest. (1992) 90:1007-1015.
38. W Parks et al., "Antigen-specific identification and cloning of hybridomas with a fluorescence-activated cell sorter" Proc. Natl Acad. Sci. USA (1979) 76:1962-1966.
39. W Weissman et al., "Only high-affinity receptors for interleukin 2 mediate internalization of ligand" Proc. Natl. Acad. Sci. USA (1986) 83:1463-1466.

Examiner:

W Sch

Date Considered:

2/2/96

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